

GOVERNORS STATE UNIVERSITY
College of Business and Public Administration

Course Title: MIS440 - Telecommunications and Distributed Data Systems

Session: Sprg/Sum 1994, Block 2 **Section/Time:** A:4:30P-7:20P T,R

Instructor: Kenneth D. Weeks

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Office Hours: 12:00P-1:00P M,W; 3:30P-4:30P T,R; or by appointment

Credit Hours: Three

Catalog Description: Discussion of the fundamental terminology and operations of a data communications network, including interactive systems, distributed data processing, word processing, and local area networks.

Prerequisites: MIS420 and CPSC370.

Textbooks:

1. Stallings, William; and Richard Van Slyke. Business Data Communications (2nd ed.). New York, NY: Macmillan College Publishing Company., 1994.
2. Simpson, Ted L. Hands-On NetWare. Cambridge, MA: Course Technology, Inc., 1994.

Overview: Each class meeting will consist of a brief lecture which highlights and expands on the assigned reading from the text, followed by a general class discussion of case studies and review questions, then a lab session on management of a LAN. Students are expected to read the text before coming to class and be prepared to contribute to this discussion. On occasion there will be outside speakers who will expand on the material.

Performance Objectives: Upon completion of this course, the student will:

1. Be familiar with the basic concepts and terminology of data communications.
2. Understand the fundamentals of network operations, design and implementation.
3. Be capable of discussing the internal and external environment of telecommunications.
4. Have an understanding of the technical details of communications systems (both voice and data) from a business perspective.
5. Have been introduced to local area networks as well as PC to Mainframe communications.
6. Have obtained the basic concept of distributed data systems.

Syllabus Statement for Persons with Disabilities:

It is the intention of the institution to support full participation of all students, regardless of physical ability level. Therefore, if any student needs consideration of his/her physical abilities in order to complete the course, please notify the instructor as soon as possible.

GSU ARCHIVES
MIS 440

Evaluation:

Exams (3 @ 100)	300
Internet Access	10
LAN management case (12 @ 20)	240
<u>Term Paper</u>	<u>100</u>
Total Points available	650

Students will be expected to make a 10-15 minute verbal presentation of their term paper. Quality of this presentation is part of the term paper grade.

TENTATIVE CLASS SCHEDULE

<u>DATE</u>	<u>TOPIC(S)</u>	<u>CHAPTER</u>	<u>COMMENTS</u>
5/17	Introduction/Overview	1(B)/1(H)	
5/19	Business Information	2(B)	
	Distributed Data Processing	3(B)	
	Designing a Directory Structure	2(H)	
5/24	Transmission and Transmission Media	4(B)	
	Creating the Directory Structure	3(H)	
5/26	Communication Techniques	5(B)	PAPER TOPIC DUE.
	Working With Drive Pointers	4(H)	
5/31	Transmission Efficiency	6(B)	
	System Security	5(H)	
6/2	Wide-Area Networks	7(B)	
	Installing Software	6(H)	
6/7	EXAM #1 (1-7)		
	Creating Users and Groups	7(H)	
6/9	Local Networks	8(B)	
	High-Speed Networking	9(B)	
	Working with Filer	8(H)	
6/14	Open-Systems Interconnection	10(B)	
	Working with File System Utilities	9(H)	
6/16	Distributed Applications	11(B)	
	Network Printing	10(H)	
6/21	Client/Server Computing	12(B)	
	Netware Menus	11(H)	
6/23	Network Management	13(B)	
	Information Integrity	14(B)	Internet Due
	Login Scripts	12(H)	
6/28	EXAM #2 (8-14)		
6/30	Future Directions in Telecommunications		Term Paper Due
7/5	Final Exam		

BACKGROUND QUESTIONNAIRE

This questionnaire is designed to:

- provide your instructor with some necessary administrative information, i.e. names, phone numbers, etc.
- provide your instructor with an idea of the degree of computer expertise possessed by the average student in this class.

Please answer the following questions:

1. NAME _____
2. SOCIAL SECURITY NUMBER _____
3. DAYTIME PHONE (_____) _____
EVENING PHONE (_____) _____
[Indicate preference if you desire].
4. MAJOR OR CONCENTRATION _____
5. YEAR IN SCHOOL _____
6. REASON FOR TAKING THIS COURSE.
7. WHAT DO YOU EXPECT TO GAIN FROM THIS COURSE.
8. PREVIOUS EXPERIENCE WITH COMPUTERS.